

Fig. 1 B

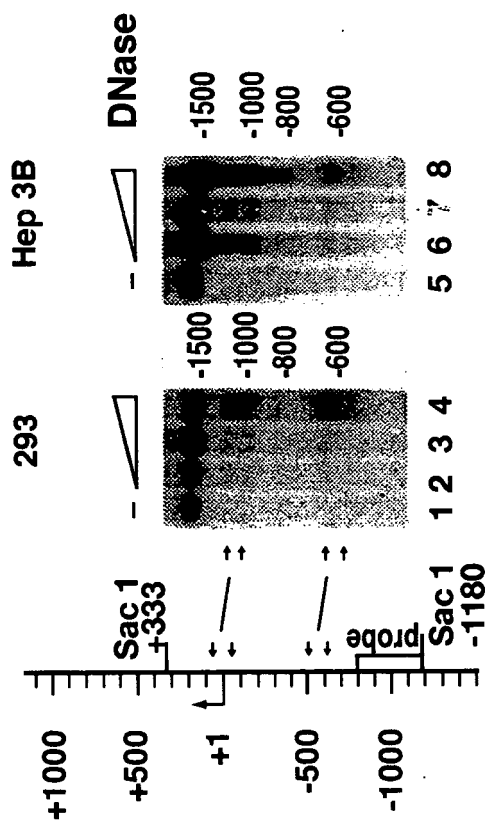


Fig. 1 A

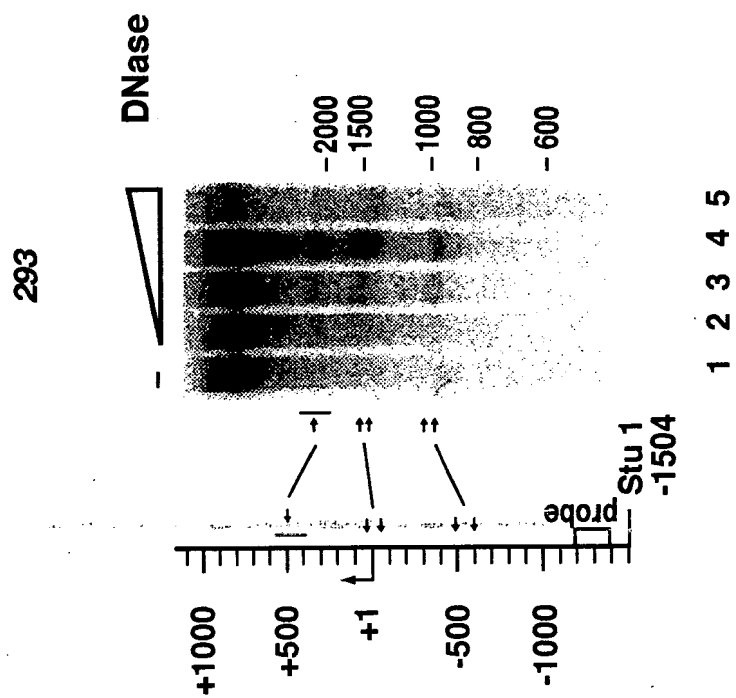


Fig. 1 D

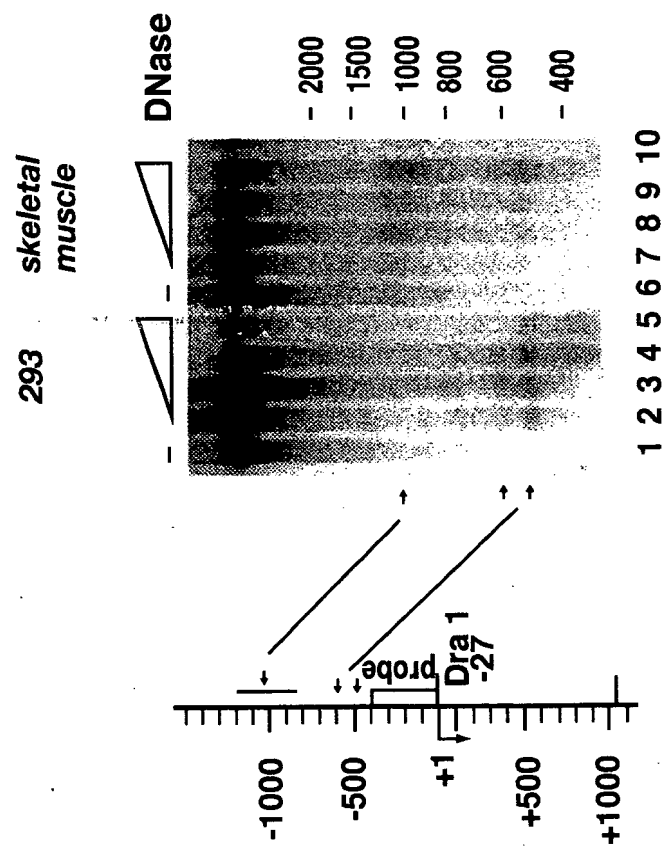


Fig. 1 C

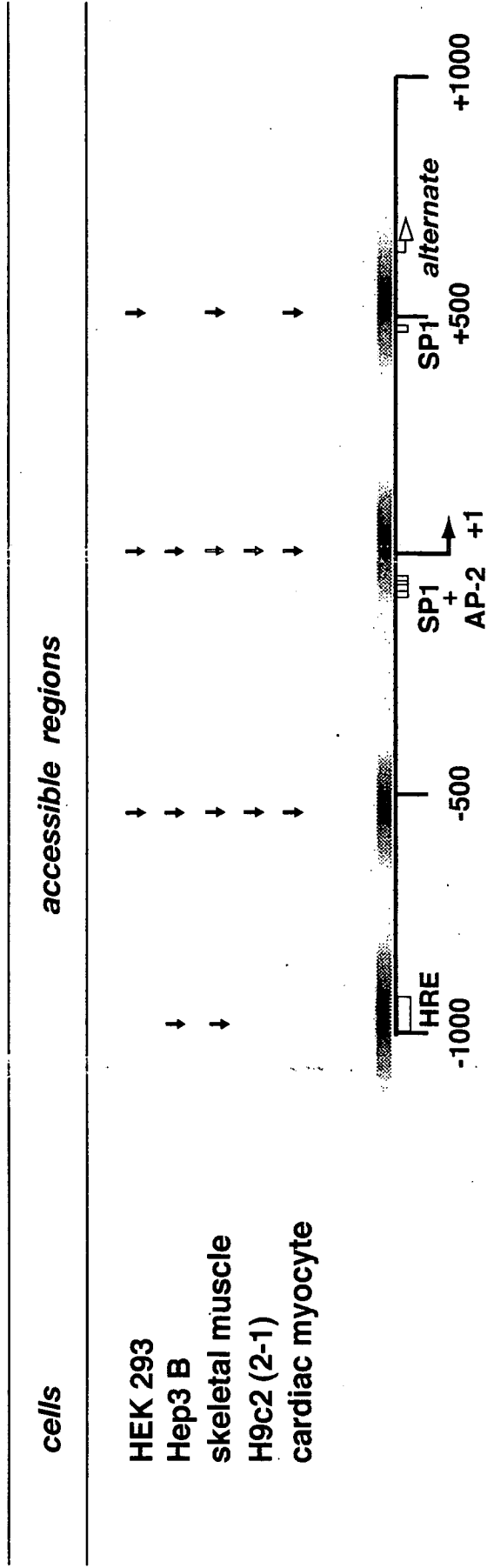


Fig. 1 E



Fig. 1 F

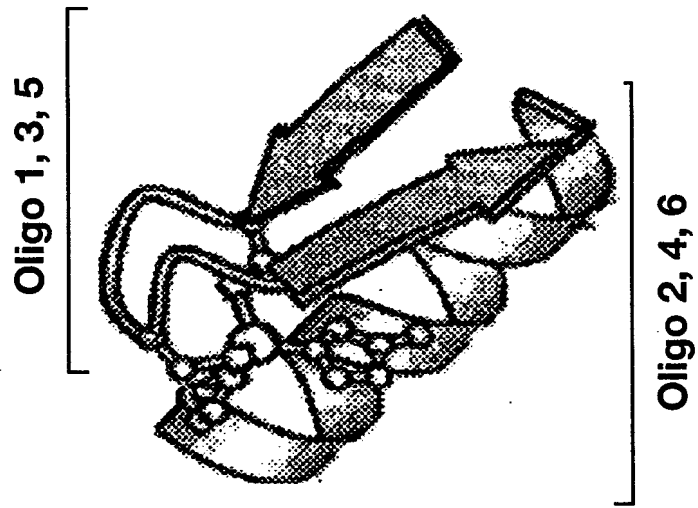


Fig. 2A

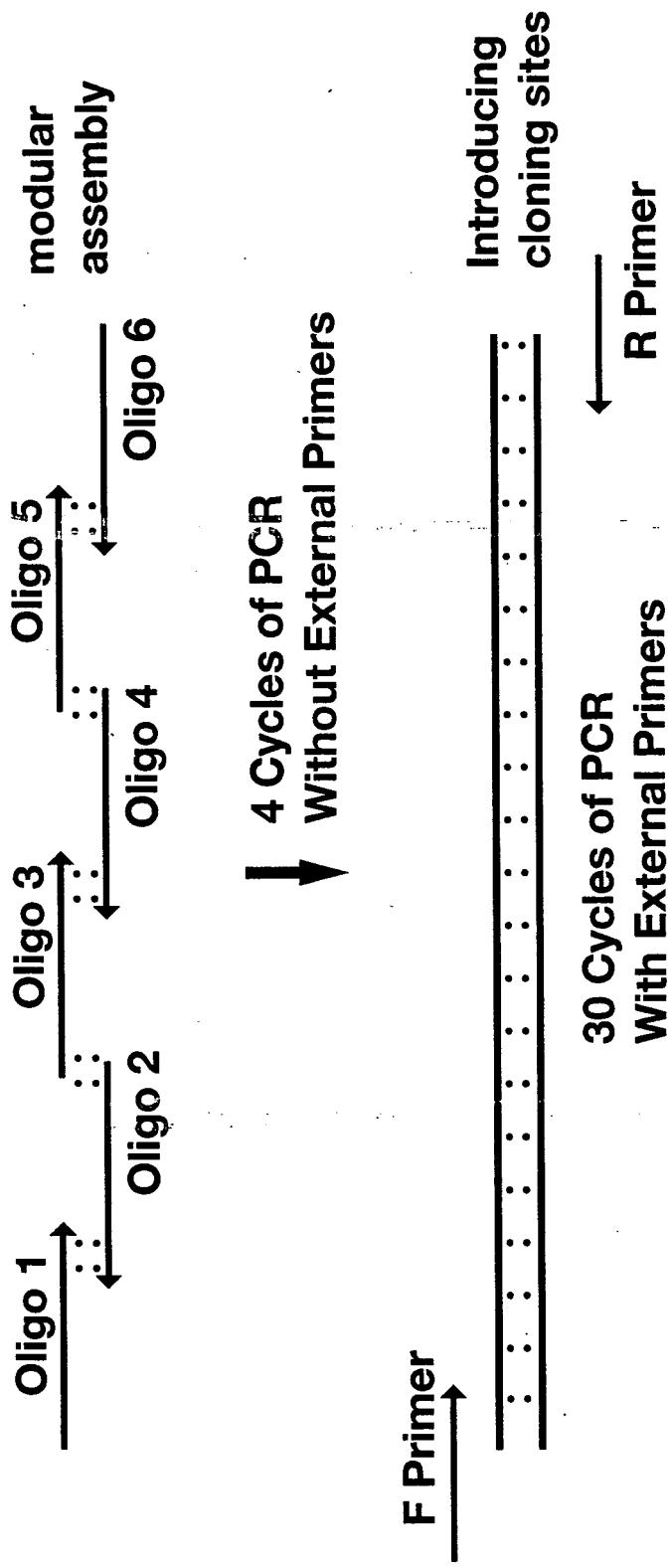


Fig. 2B



Fig. 2C

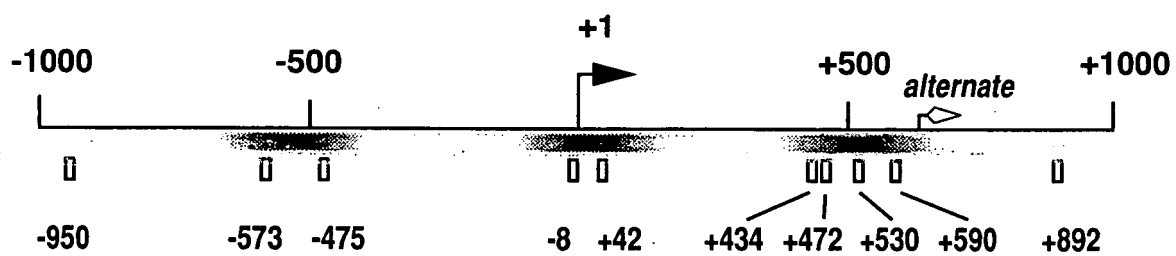


Fig. 2D

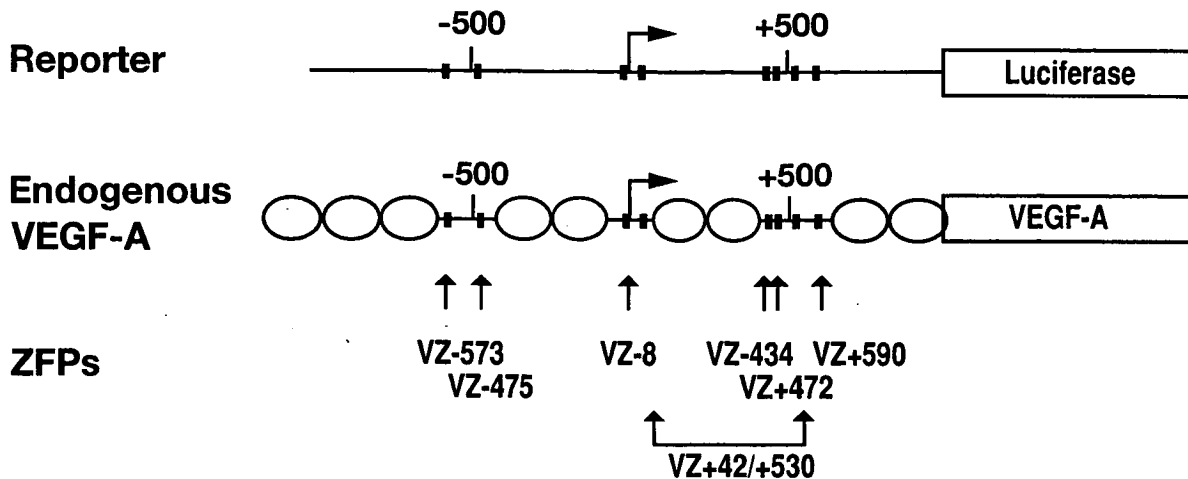


Fig. 3A

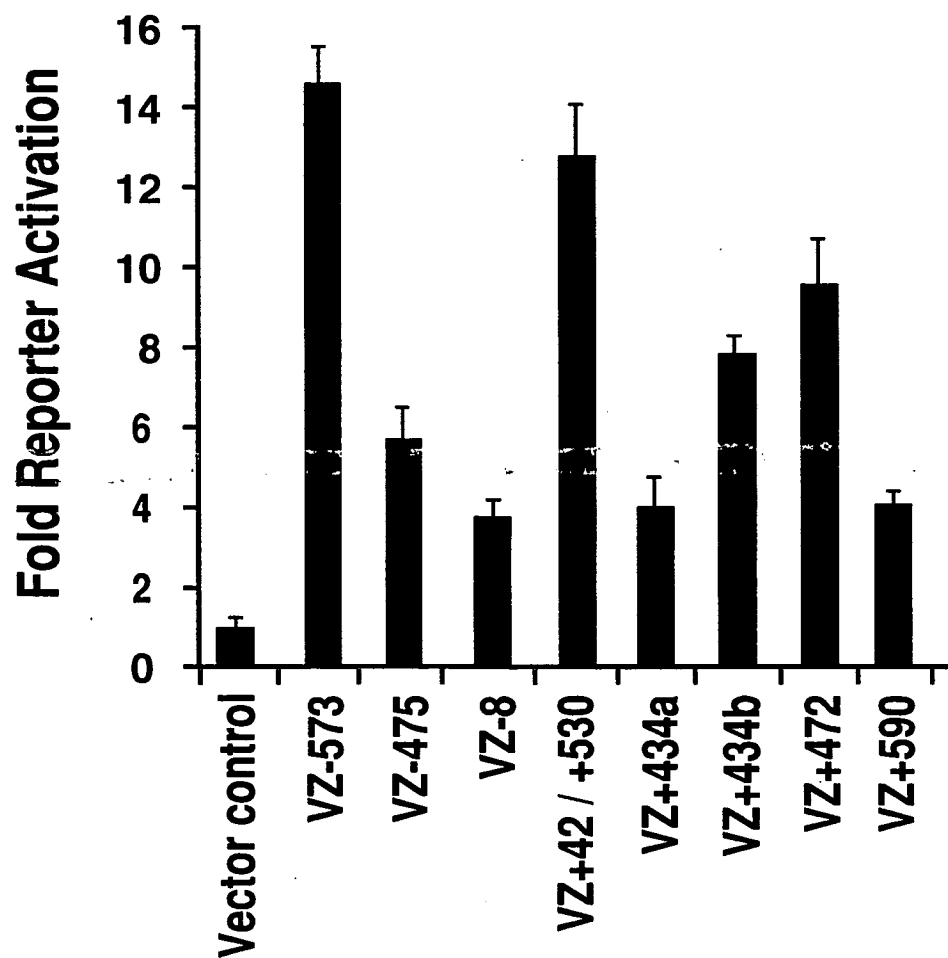


Fig. 3B

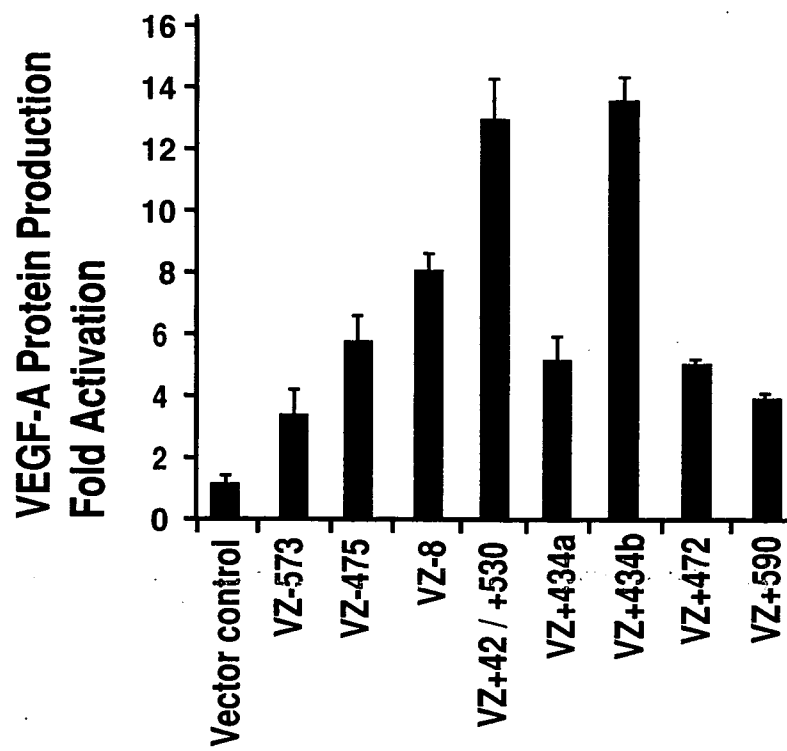


Fig. 3C

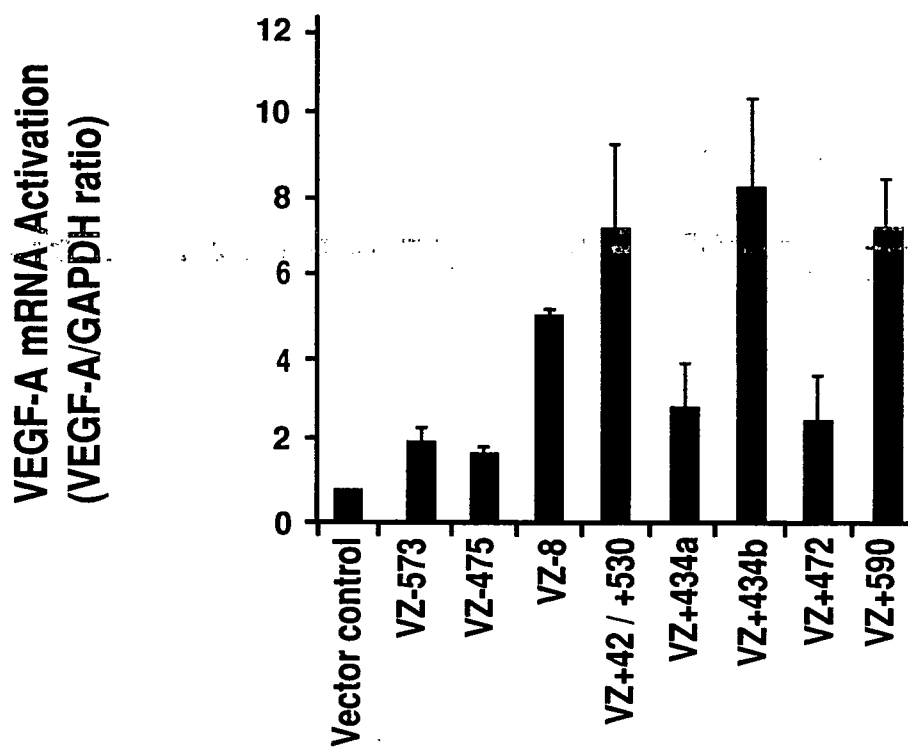


Fig. 3D

ZFP Protein

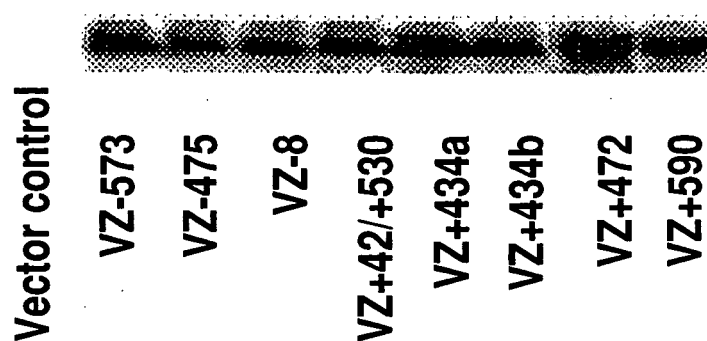


Fig. 3E

Relative ZFP mRNA levels (VP16 / GAPDH by Taqman)

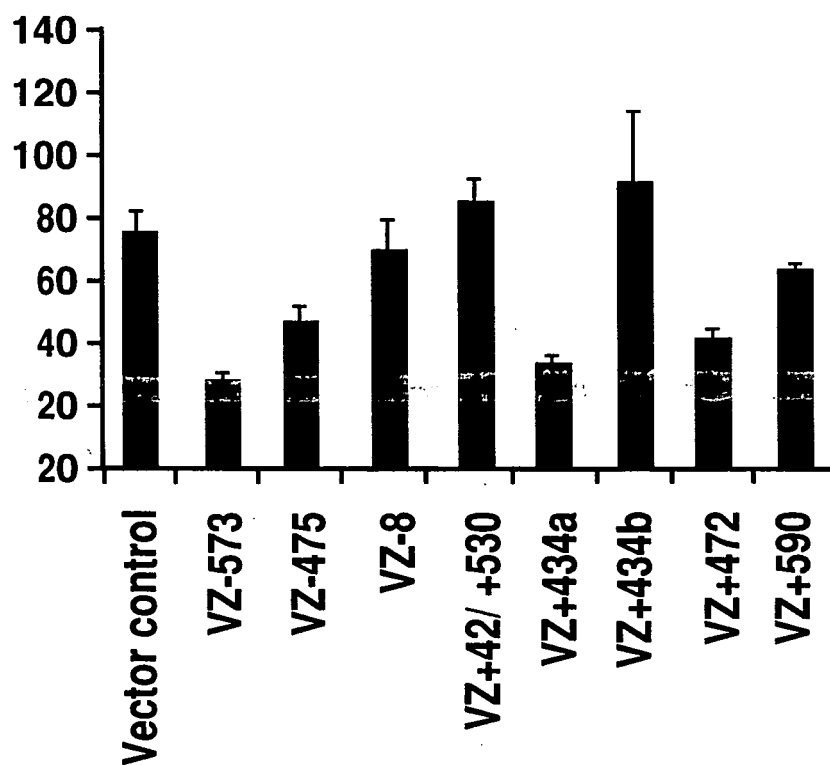


Fig. 3F

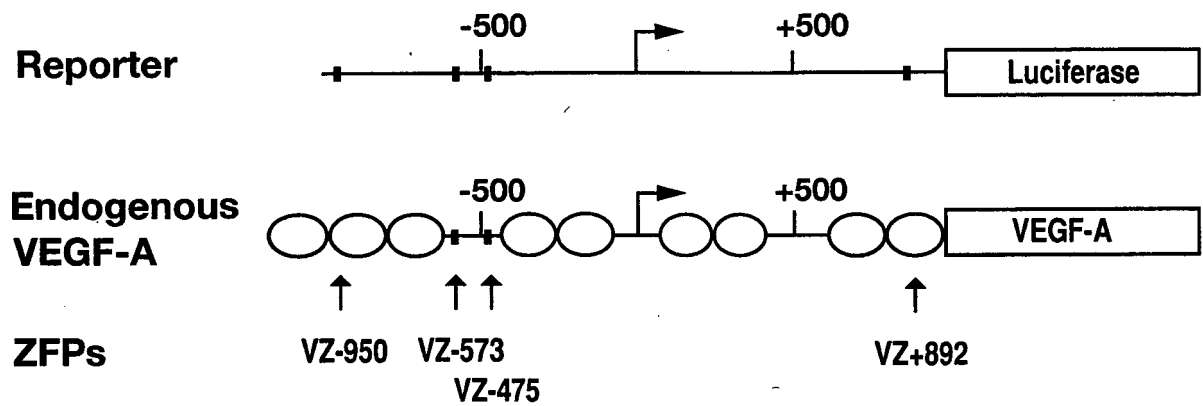


Fig. 4A

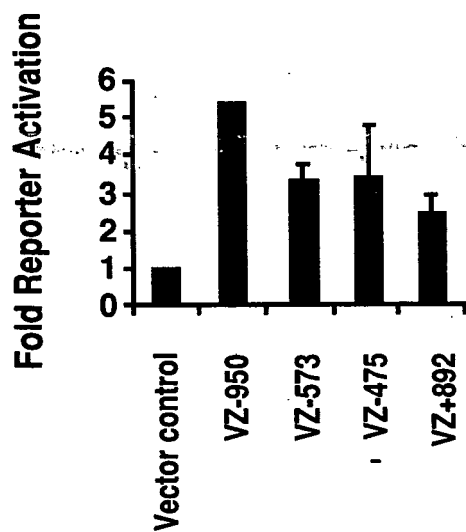


Fig. 4B

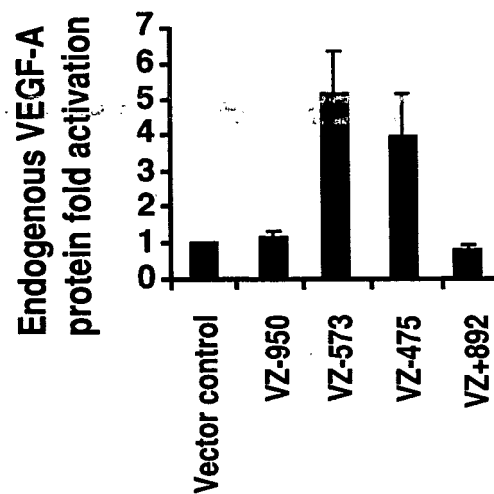


Fig. 4C

NLS	ZFP	VP16	FLAG
-----	-----	------	------

NLS	ZFP	p65 AD	FLAG
-----	-----	--------	------

Fig. 5A

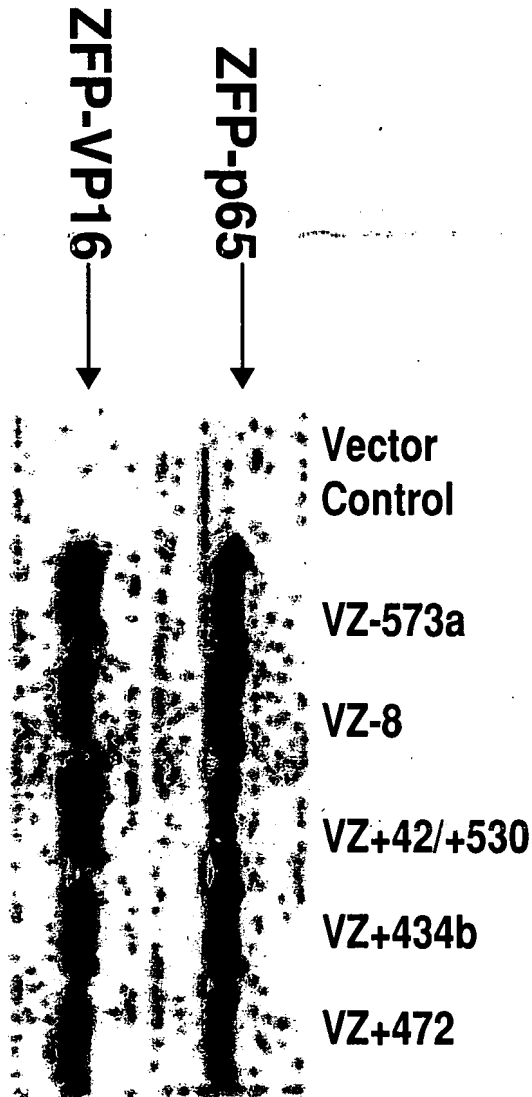


Fig. 5B

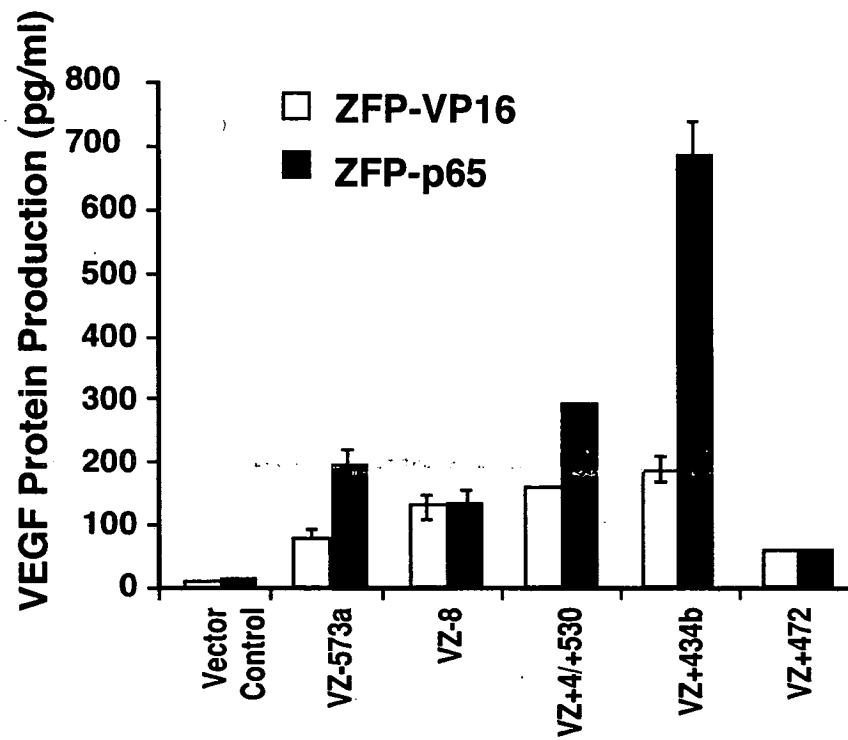


Fig. 5C

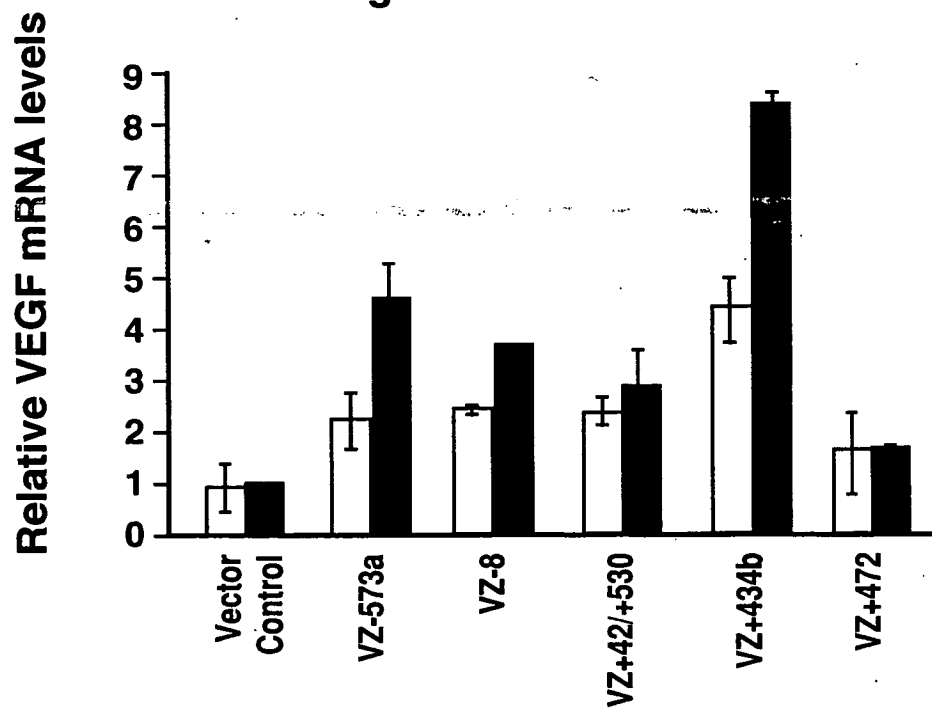


Fig. 5D

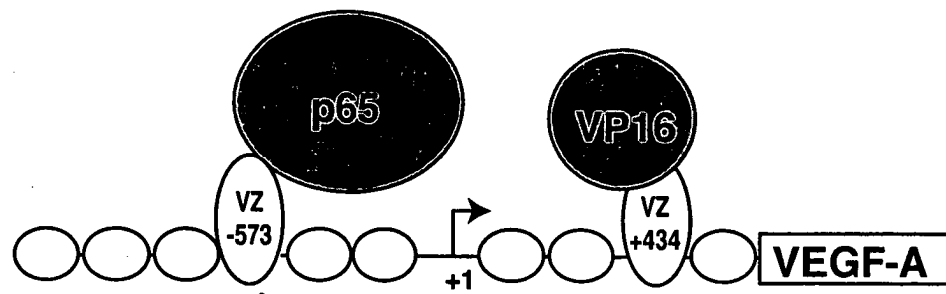


Fig. 6A

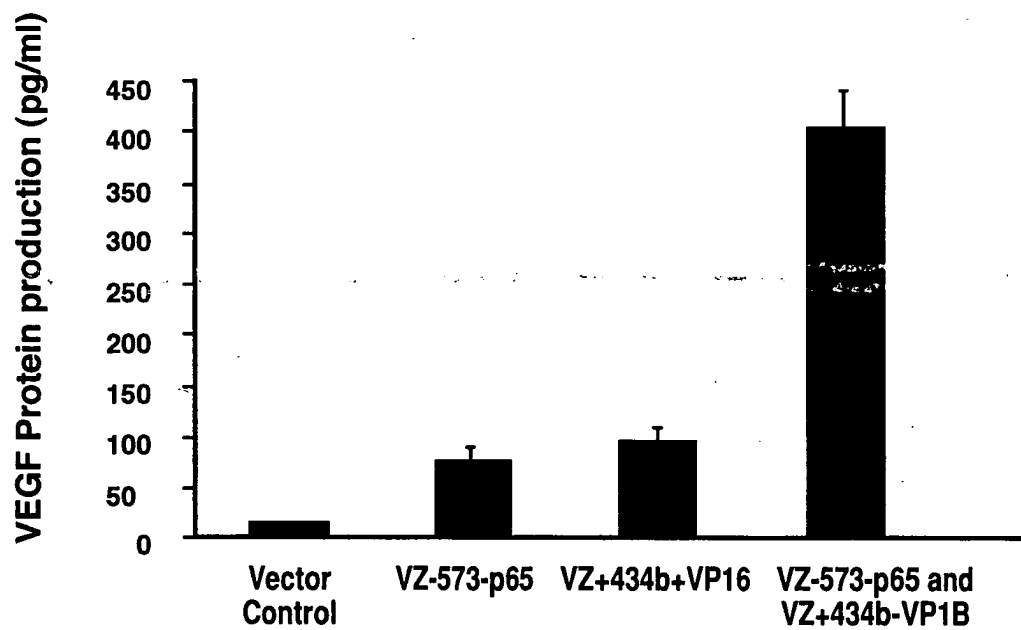


Fig. 6B

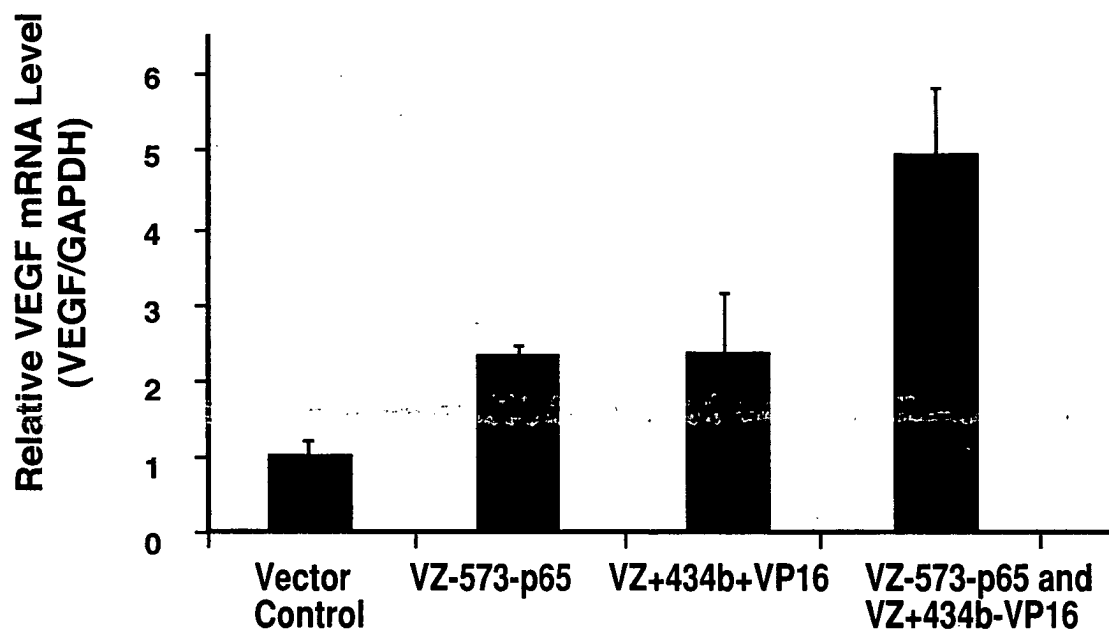


Fig. 6C

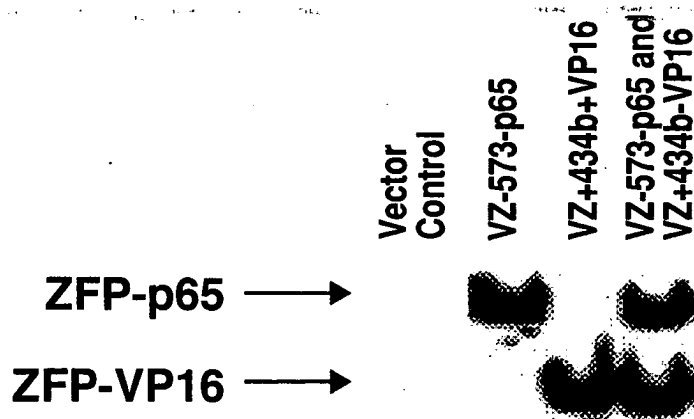


Fig. 6D

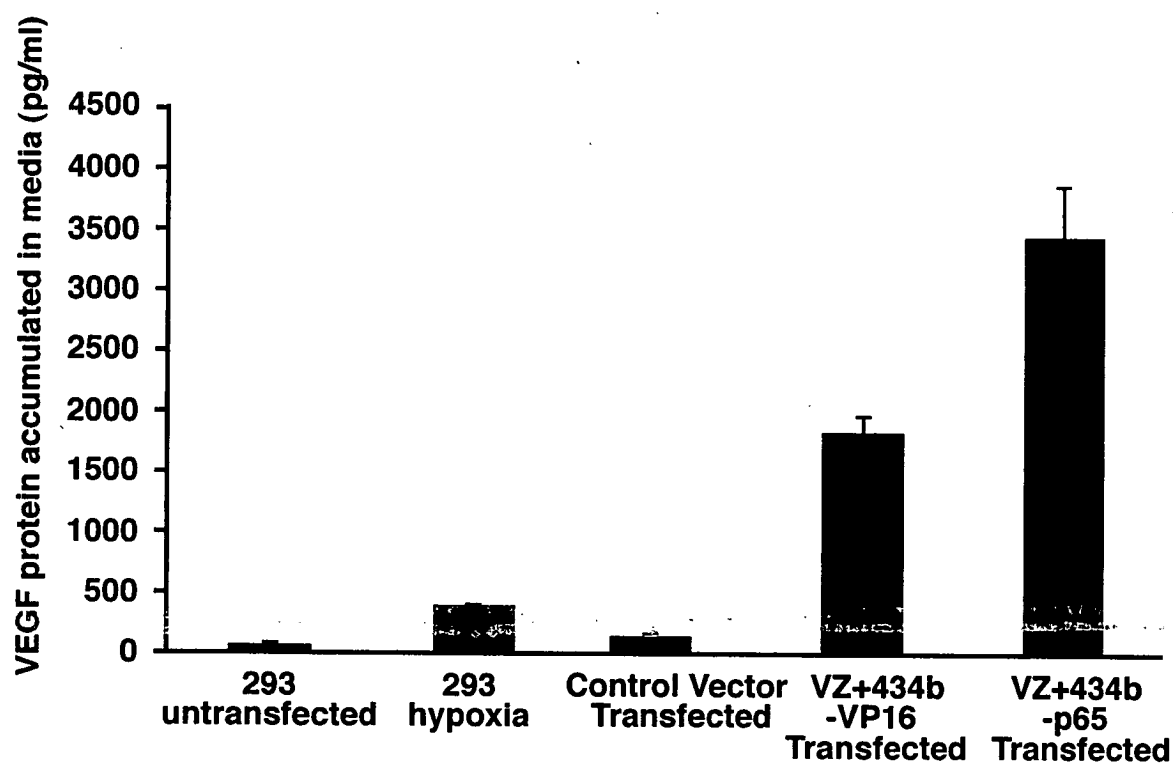


Fig. 7A

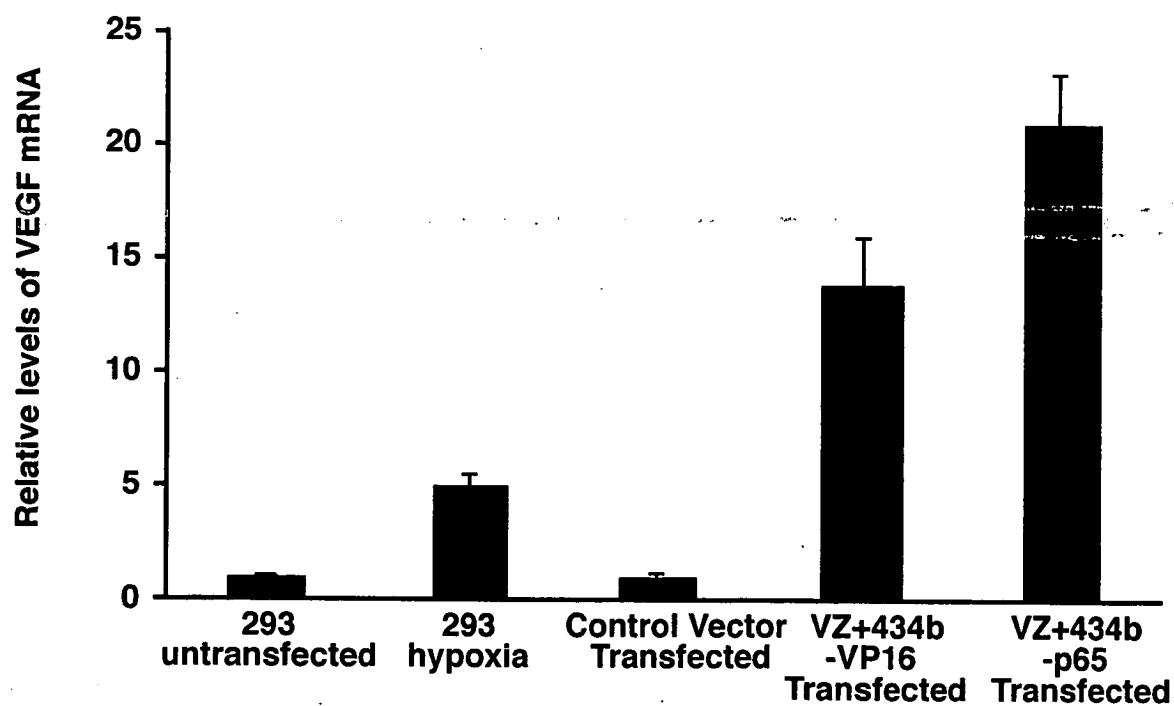


Fig. 7B

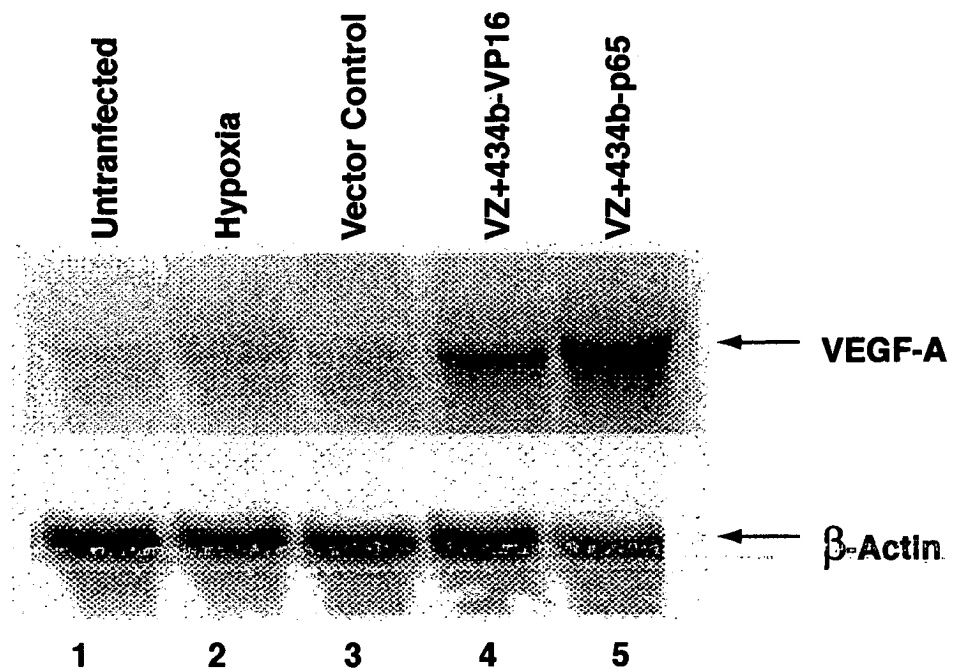


Fig. 7C

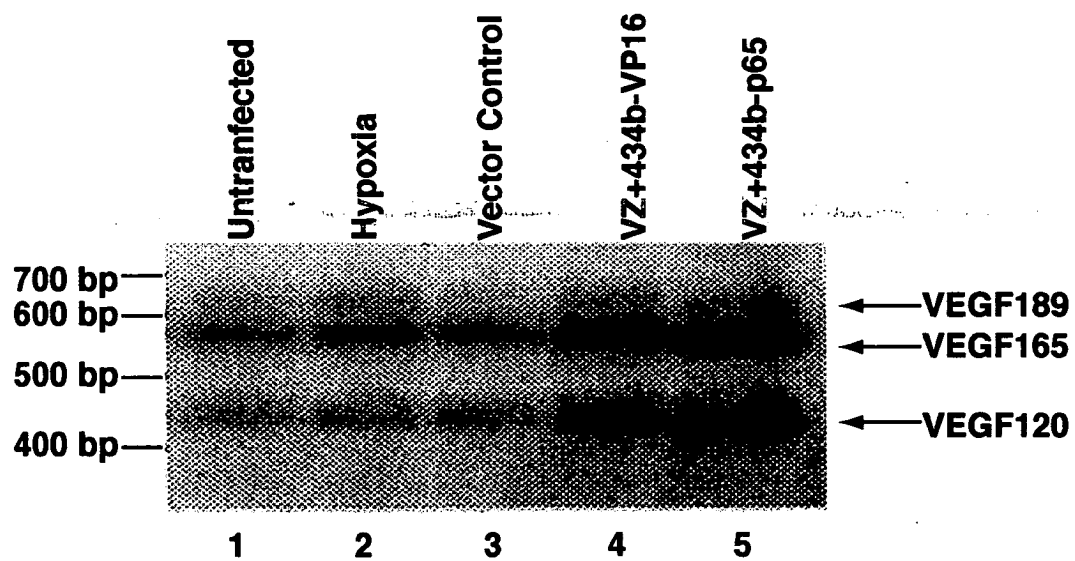


Fig. 7D

Control

+ZFP



Fig. 9A

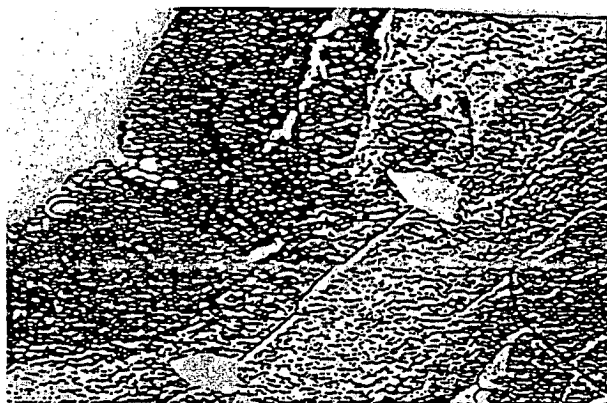


Fig. 9B



Fig. 9C

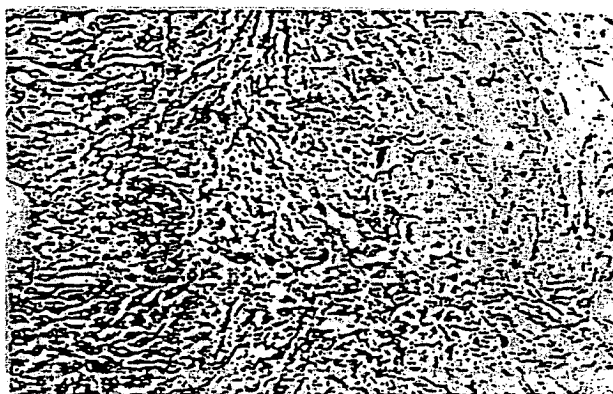


Fig. 9D



Fig. 9E

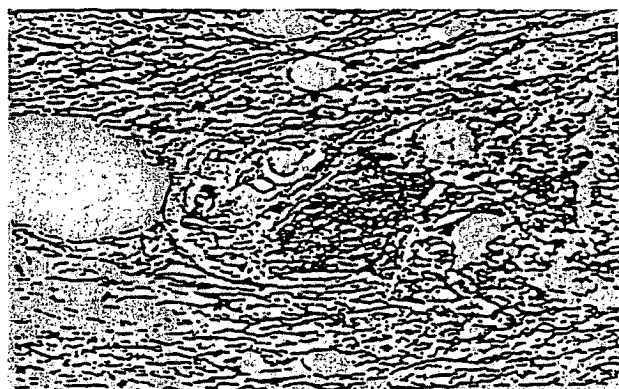
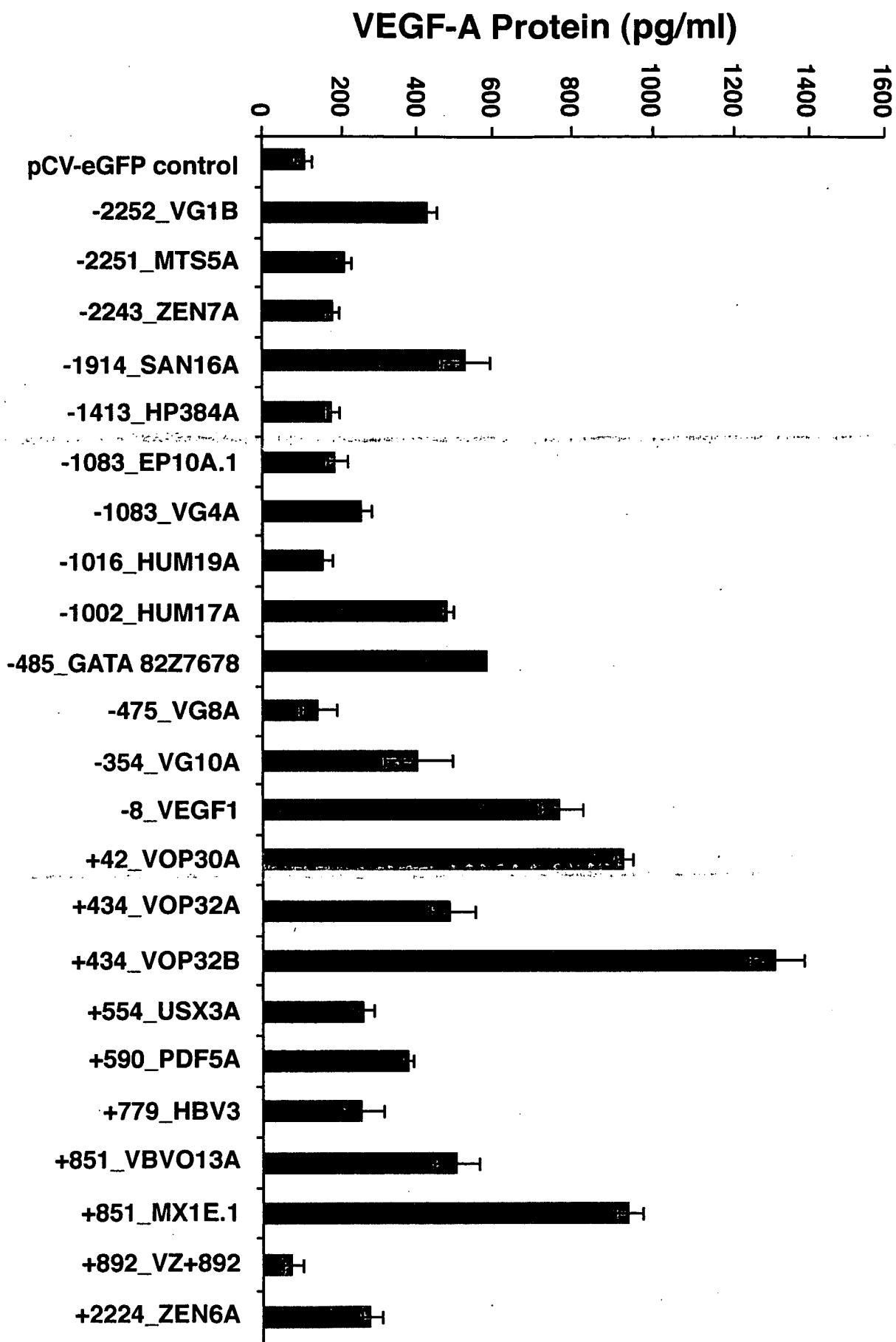


Fig. 9F

Fig. 10



ZFP →
Protein

VEGF/GAPDH
(mRNA Level by Taqman)

Fig. 11

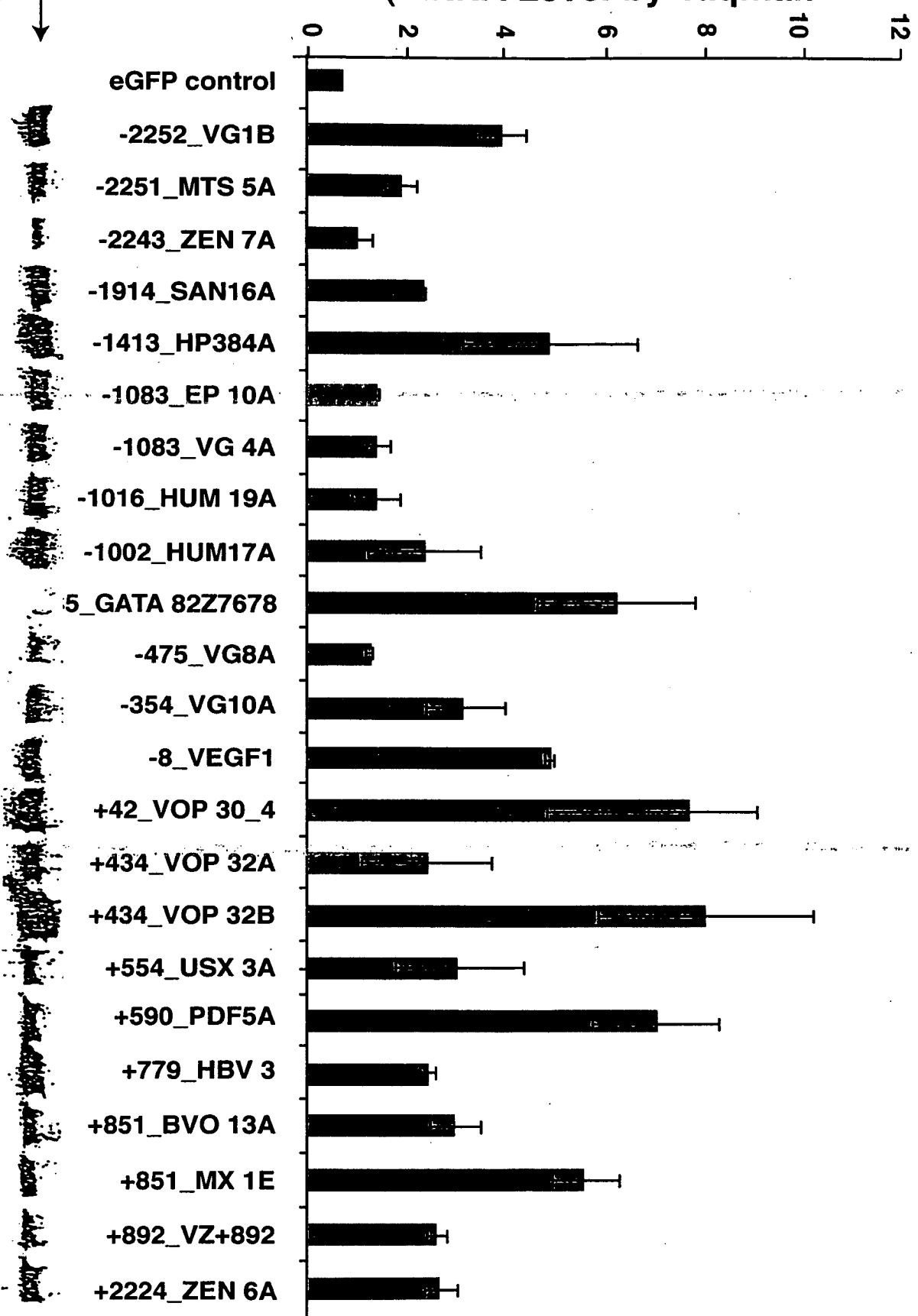
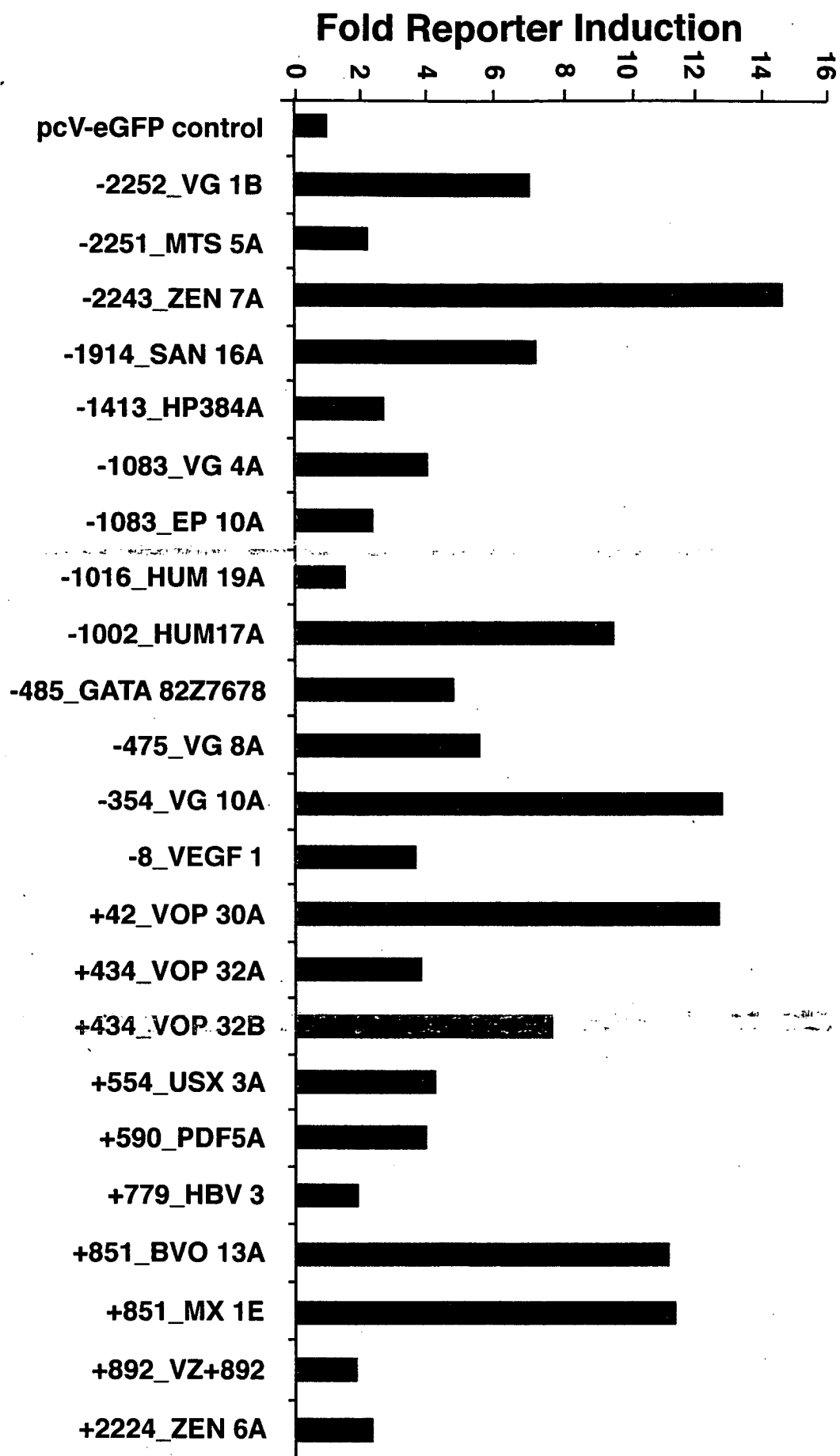


Fig. 12



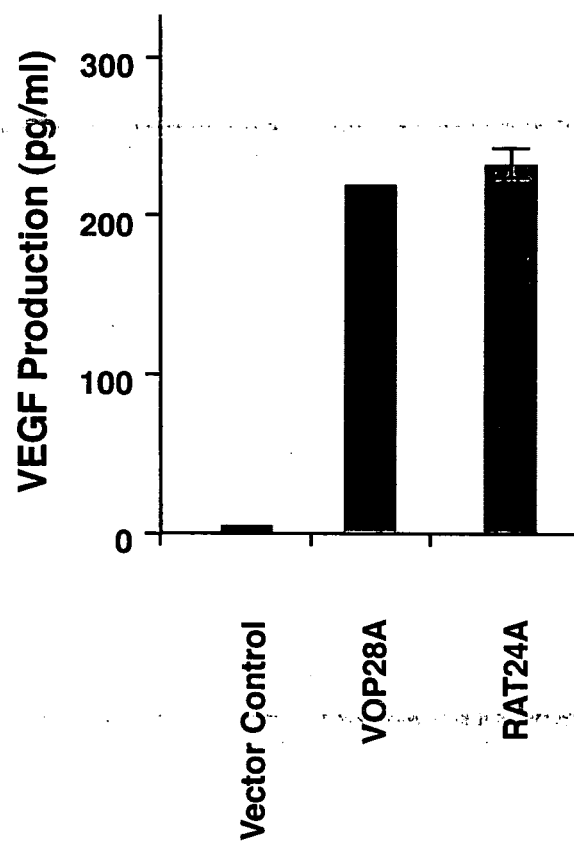


Fig. 13

VEGF-A mRNA Activation by ZFPs

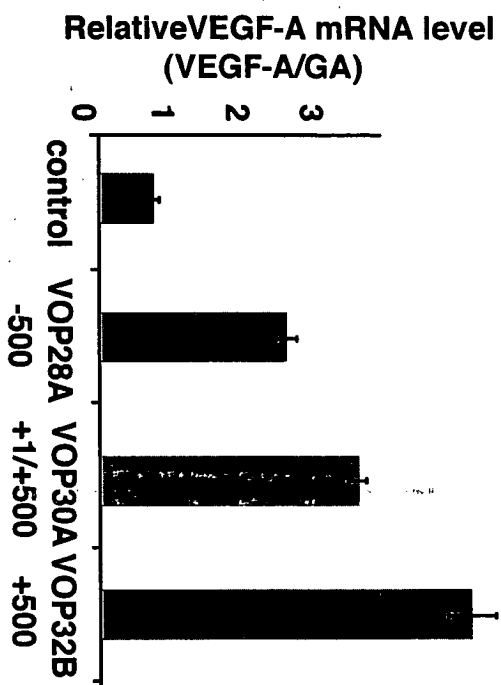


Fig. 14A

VEGF-C mRNA Activation by ZFPs

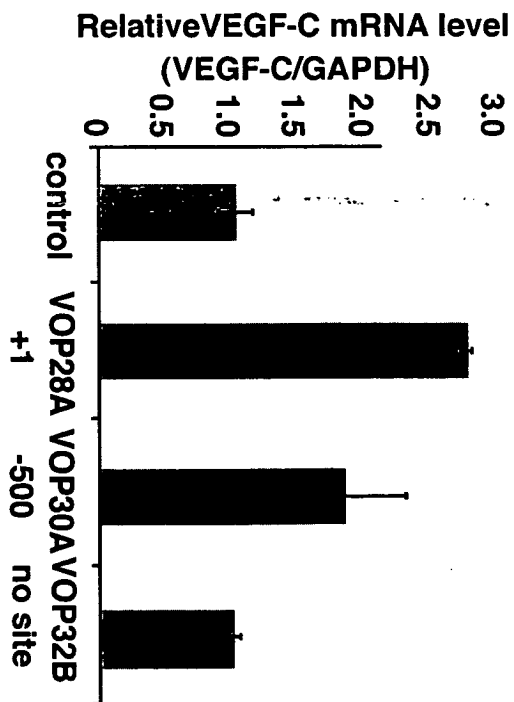


Fig. 14B

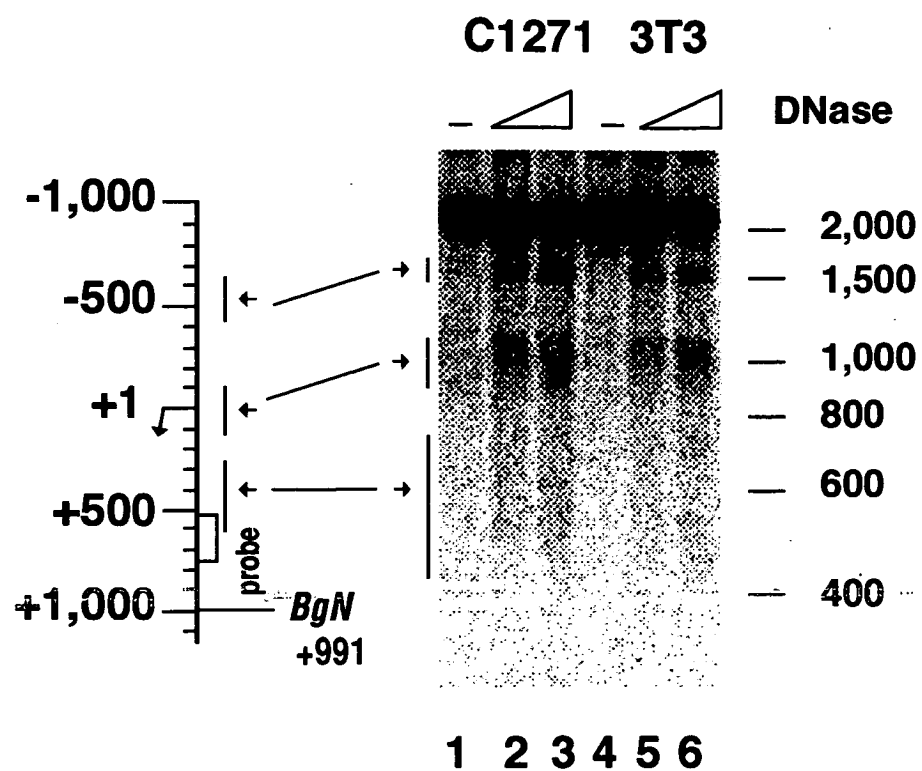


Fig. 15A

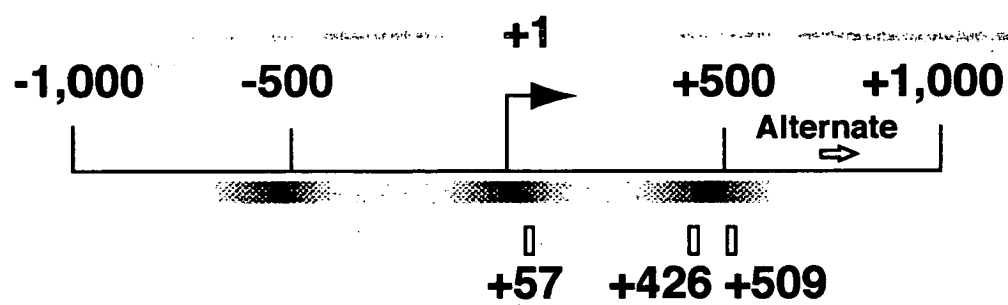


Fig. 15B

ZFP Name	Target		Finger designs
	Sequence 5'- 3'	Subsites 5'- 3'	
mVZ+57	TGAGCGGCGGCAGCGGAGc	TGAg GCGg GCGg GCAG GCGg GAGc	OSGHLTK F6 RSDELSR F5 RSDELTR F4 OSGSLTR F3 RSDELQR F2 RSDNLAR F1
mVZ+426	GGGGGTGACc	GGGg GGTg GACC	RSDHLNR F3 TSGHLVR F2 DRSNLNR F1
mVZ+509	GCTGGGGGCg	GCTg GGGg GGCg	OSSDLNR F3 RSDHLNR F2 DRSHLNR F1

Fig. 15C


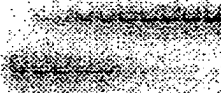


ZFP	Target	Gel shift		Apparent K_d (nM)
mVZ+57	TGAGCGGCGGCAGCGGAGc			0.031
mVZ+426	GGGGGTGACc			<0.01
mVZ+509	GCTGGGGGCg			<0.01
SP1	GGGGCGGGGg			0.053

Fig. 15D

NLS	ZFP	VP16	FLAG
-----	-----	------	------

Fig. 16 A

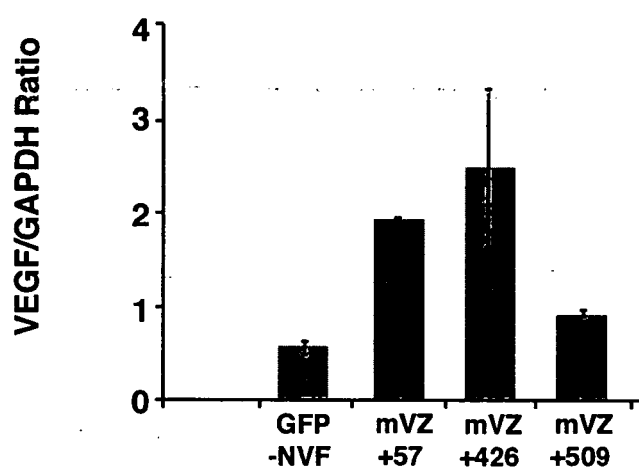


Fig. 16 B

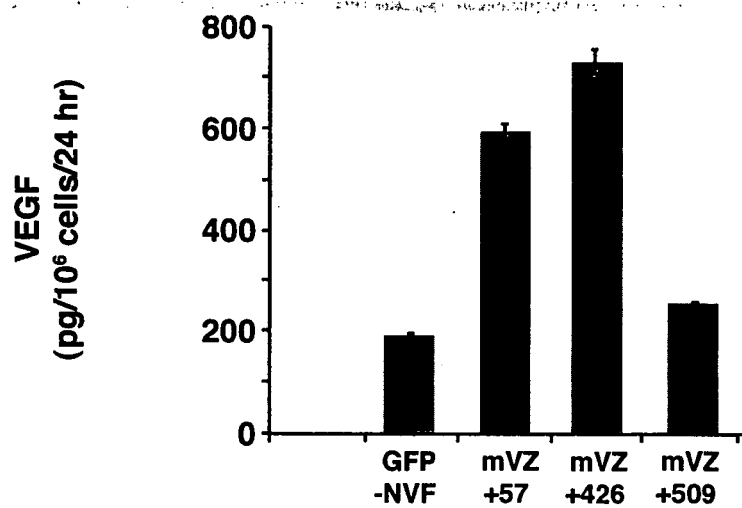


Fig. 16 C

GFP



Fig. 18A

VEGF-ZFP



Fig. 18B

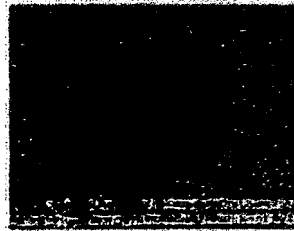


Fig. 18C



Fig. 18D

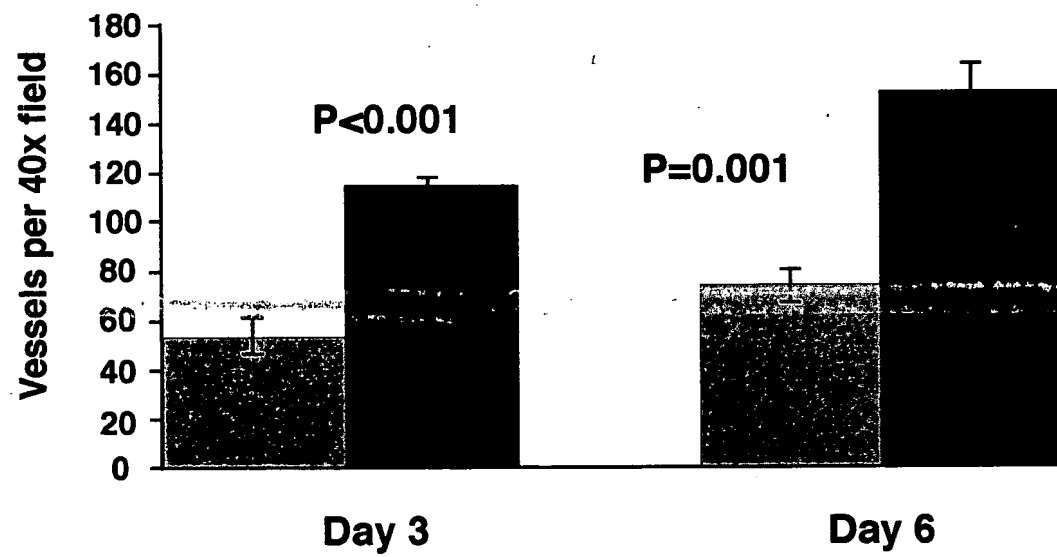


Fig. 18E

GFP



Fig. 19A

MVG



Fig. 19B

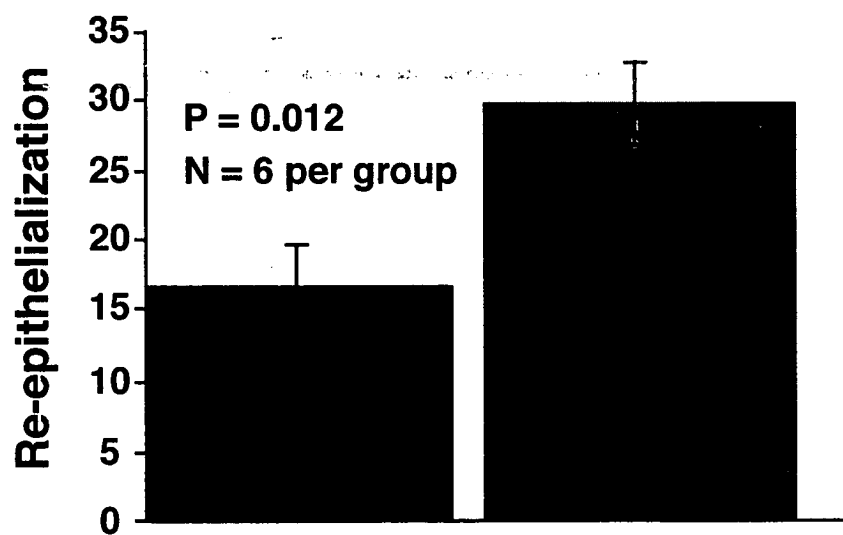


Fig. 19C

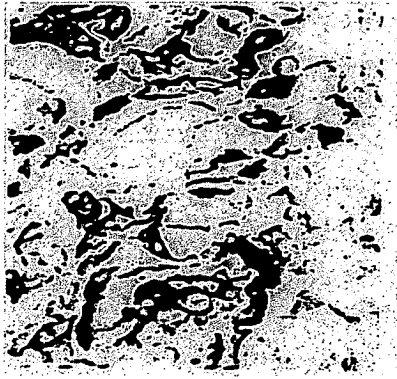


Fig. 21A

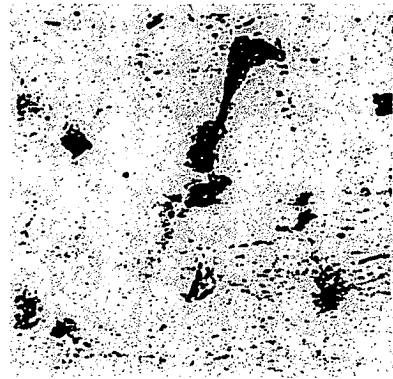


Fig. 21B

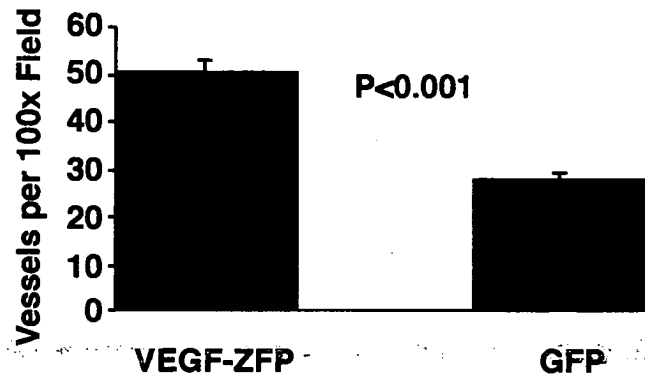


Fig. 21C

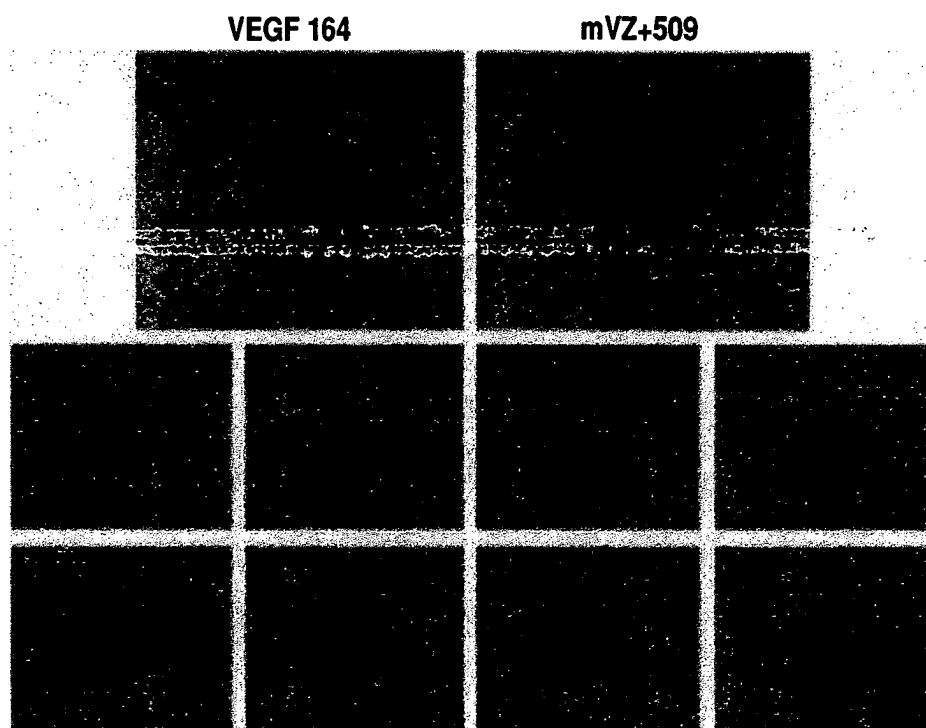


Fig. 22

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☒ FADED TEXT OR DRAWING
- ☒ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.